

WHAT IS CLAIMED IS:

1. A feed for a silkworm comprising a silkworm feed; and at least one of a pre-determined quantity of functional particles, an aqueous solution of functional particles of a pre-determined concentration and a distillate.

2. The feed as claimed in claim 1, wherein said silkworm feed is an artificial silkworm feed.

3. The feed as claimed in claim 2, wherein said artificial silkworm feed is KUWANO HANA.

4. The feed as claimed in claim 2, wherein said aqueous solution of functional particles contains at least 0.5 to 40% of the functional particles by weight.

5. The feed as claimed in claim 2, wherein said artificial silkworm feed contains at least 1 to 30% of the functional particles by weight.

6. The feed as claimed in claim 1, wherein said functional particles are alumina, silica, titanium oxide, zeolite, fluorite (luminous rock), tourmaline, jade, pigment, dye, temperature-sensitive pigment, UV-sensitive pigment or any other functional pigments, perfume, charcoal, cholesterol or other inorganic or organic substance.

7. The feed as claimed in claim 6, wherein said functional particles are powder particles of 10  $\mu\text{m}$  or less in diameter.

8. The feed as claimed in claim 1, wherein said silkworm feed is fresh mulberry leaves.

9. The feed as claimed in claim 8, wherein said aqueous solution of functional particles contains at least 0.5 to 40% of the functional particles by weight.

10. The feed as claimed in claim 8, wherein said functional particles are alumina, silica, titanium oxide, zeolite, fluorite (luminous rock), tourmaline, jade, pigment, dye, temperature-sensitive pigment, UV-sensitive pigment or any other functional pigments, perfume, charcoal, or cholesterol or other organic or inorganic substances.

11. The feed as claimed in claim 10, wherein said functional particles are powder particles of 10  $\mu\text{m}$  or less in diameter.

5 12. The feed as claimed in claim 1, wherein said distillate is a bamboo vinegar.

13. Silk produced by silkworms that fed on the feed claimed in any one of claims 1-12.

10 14. A silk product comprising the silk claimed in claim 13.